TechDay 2026 Conference Day 1

MIT Samberg Center | Boston, United States
September 21, 2026

7:45 - 8:30	**Registration + Coffee and Refreshments All Day**
8:30 - 8:45	**Opening Remarks**
	Nikola Celanovic, Chief Executive Officer, Typhoon HIL Accelerating the Energy Transition: Digital Engineering Powered by Hardware-in-the-Loop
8:45 - 9:15	**Morning Keynote**
	Himamshu Prasad, Senior Vice President, Schneider Electric Powering the Megawatt Era: 800VDC and the Future of Data Center Electrification
9:15 - 10:00	**Panel | Moderator: Ali Mehrizi, Professor, and Bradley Senior Fellow Director, Virginia Tech** **From Chips to Grids: Digital Power Challenges and Opportunities in Data Center Infrastructure**
	Himamshu Prasad, Senior Vice President, Schneider Electric **Balduino Rabelo**, Senior Controls Engineer, Fluence **Akshay Gondaliya**, Senior Power Systems Specialist, EdgeTune Power
10:00 - 10:15	**Coffee, Networking & Technology Tables Open All Day**
10:15 - 10:45	**Special Session**
	Stuart Laval, Global Engineering Director, Eaton How Model-Based Engineering is Reshaping Data Center Power Systems
10:45 - 11:15	**Special Session**
	Olaolu Ajala, Staff Controls Engineer, Tesla Accelerating BESS Development and Deployment
11:15 - 11:45	**Special Session**
	Ruben Inzunza, Chief Engineer, TMEIC Grid-Forming Converters and Stability in Inverter-Based Grids
11:45 - 12:15	**Special Session**
	Søren Bækhøj Kjær, Engineer, Danfoss Drives Danfoss MyDrive® HIL for iC7 System Modules
12:15 - 13:15	**Lunch, Networking & Technology Tables**

https://www.typhoon-hil.com/techday-2026/

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13:15 - 13:45	**Afternoon Keynote**
	Brian Dow, Chief Executive Officer, Amperesand HIL Solutions for Hyperscaler Solid State Transformers
13:45 - 14:15	**Special Session**
	Jack Ingram, Chief Engineer, BorgWarner Electrified Mobility and the Convergence of Automotive and Energy Systems
14:15 - 14:45	**Special Session**
	Robert Slone, SVP, Chief Scientist and Innovation Officer, UL Solutions Physical and Digital - The Evolving World of Conformity Assessment
14:45 - 15:00	**Coffee, Networking, Technology Tables**
15:00 - 15:45	**Panel | Moderator: Rudy Wang, Delta Electronics Americas** **From Chargers and Grid Forming Inverters to Solid-State Transformers (SST)**
	Brian Dow, Chief Executive Officer, Amperesand **Nitesh Satheesh**, Senior Manager, Product Marketing, Microchip To Be Announced
15:45 - 16:15	**Day 1 Closing Remarks**
	Dusan Majstorovic, Chief Technology Officer, Typhoon HIL Engineering Electrification: A Unified Model-Based Technology Roadmap
16:15 - 18:00	**Free Time, Networking & Technology Tables**
18:00 - 19:00	**Cocktail Hour, Networking & Technology Tables**
19:00 - 21:30	**Conference Gala Dinner & Best Paper Awards Ceremony**

TechDay 2026
Conference Day 2

MIT Samberg Center | Boston, United States
September 22, 2026

7:45 - 8:30	**Registration + Coffee and Refreshments All Day**
8:30 - 8:45	**Opening Remarks**
	Adrien Genic, Director of Engineering, Typhoon HIL Accelerating Innovation Through Model-Based Engineering
8:45 - 9:15	**Special Session**
	Mikko Qvintus, Senior Technical Product Manager, Controls and Modeling, EPC Power Accelerating Development and Deployment of Power Converters Built for Intelligent AI Data Centers
9:15 - 9:45	**Special Session**
	Alexandre Venito, Senior Expert Energy Management, Siemens Energy Validating BESS Control Systems for Grid Compliance and Reliability
9:45 - 10:15	**Special Session**
	Stefano Pane, Control Engineer, NHOA Energy Enhancing Grid Resilience through Advanced BESS Functionality
10:15 - 10:45	**Special Session**
	Bacil Shaqqo, Senior Manager, Controls Engineering-Energy Storage, NextPower Inverter Based Advanced Power Quality Solutions
10:45 - 11:00	**Coffee, Networking, Technology Tables**
11:00 - 11:30	**Special Session**
	Jovan Zelic, Senior Modeling Engineer, Typhoon HIL Defining the Next Standard in HIL: UltraCore and Simulation Fidelity
11:30 - 12:00	**Special Session**
	Vincent Berger, Business Development, DeepDrive In-Wheel Motor Architectures for a New Era of Electric Drive
12:00 - 12:30	**Special Session**
	Felix Mueller, General Manager, Tracetronic End-to-End Test Automation for Electrified Automotive Systems
12:30 - 13:00	**Special Session**
	Mitch Marks, Director of Business Development, HBK - Hottinger Brüel & Kjær The Digital Thread Across the Engineering Lifecycle
13:00 - 14:00	**Lunch, Networking & Technology Tables**

TechDay 2026 Conference Day 2

MIT Samberg Center | Boston, United States
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14:00 - 14:30	**Special Session**
	Marin Soljacic, Professor of Physics, MIT & Founder Axiomatic_AI AI for Science & Engineering: Transforming How We Design, Simulate, and Validate
14:30 - 15:00	**Special Session**
	Mahmoud Kabalan, Director, St. Thomas Center for Microgrid Research AI Data Center Load Impact Studies Using Large-Scale Microgrid Testbeds
15:00 - 15:30	**Special Session**
	Peter Killeen, Senior Power Electronics Engineer, MEPPI Inverter Based Advanced Power Quality Solutions
15:30 - 16:15	**Panel #3 | Moderator: Ivan Celanovic, President and Co-founder, Typhoon HIL** **Impact of AI on Modern Design and Simulation Workflows in Digital Power**
	Milos Miletic, Modeling Team Lead, Typhoon HIL **Eric Dillaber**, Director of Engineering, Mathworks **Jake Taylor**, Chief Executive Officer, Axiomatic_AI
16:15 - 16:30	**Day 2 Closing Remarks**
	Nikola Celanovic, Chief Executive Officer, Typhoon HIL See you next year!

Scan to learn more about TechDay 2026